

08/31/00



Please type a plus sign (+) inside this box

+

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No.  
93-0421.04

Total Pages

First Named Inventor or Application Identifier

Trung T. Doan

Express Mail Label No.

EL003000472US

10653 U.S. PTO  
09/05/00**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents

Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages 8**  
(preferred arrangement set forth below)  
-Descriptive  
-Cross References to Related Application  
-Statement Regarding Fed sponsored R & D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) **Total Sheets 2**  
**Total Pages 6**
4. Oath or Declaration  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)[Note  
Box 5 below]  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☒ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(where there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity ☐ Statement filed in prior application  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other

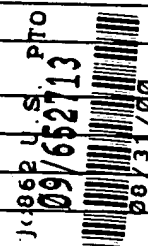
17. ☐ Continuation☒ Divisional☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	Charles Brantley				
ADDRESS	8000 S. Federal Way, M/S 525				
CITY	Boise	STATE	ID	ZIP CODE	83716-9632
COUNTRY	USA	TELEPHONE	(208) 368-4557	Fax	(208) 368-5606

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<b>FEE TRANSMITTAL</b>		<b>Completion if Known</b>		
		Application Number		
		Filing Date	August 31, 2000	
		First Named Inventor	Trung T. Doan	
		Group Art Unit		
TOTAL AMOUNT OF PAYMENT (\$)		690	Attorney Docket Number	93-0421.04



<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 13-3092, Order No. 93-0421.04</p> <p>Deposit Account Name: Micron Technology, Inc.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p style="padding-left: 40px;"><input type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>		<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td>0</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>0</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td></td> <td><b>(\$)</b> 0</td> </tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month	0	116	400	216	200	Extension for response within second month		117	950	217	475	Extension for response within third month		118	1,570	218	755	Extension for response within fourth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,320	241	660	Petition to revive unintentionally abandoned application		142	1,320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt	0	581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>(\$)</b> 0
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing or cover sheet																																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																																													
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																													
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																													
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																													
115	110	215	55	Extension for response within first month	0																																																																																																																																																																												
116	400	216	200	Extension for response within second month																																																																																																																																																																													
117	950	217	475	Extension for response within third month																																																																																																																																																																													
118	1,570	218	755	Extension for response within fourth month																																																																																																																																																																													
119	310	219	155	Notice of Appeal																																																																																																																																																																													
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																													
121	270	221	135	Request for oral hearing																																																																																																																																																																													
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																													
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																													
141	1,320	241	660	Petition to revive unintentionally abandoned application																																																																																																																																																																													
142	1,320	242	660	Utility issue fee (or reissue)																																																																																																																																																																													
143	450	243	225	Design issue fee																																																																																																																																																																													
144	670	244	335	Plant issue fee																																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																													
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																													
126	240	126	240	Submission of Information Disclosure Stmt	0																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																													
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																													
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																	
<b>SUBTOTAL (3)</b>					<b>(\$)</b> 0																																																																																																																																																																												
<p><b>1. FILING FEE</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>395</td><td>Utility filing fee</td><td>690</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>540</td><td>207</td><td>270</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>790</td><td>208</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td></td> <td><b>(\$)</b> 690</td> </tr> </tbody> </table> <p><b>2. CLAIMS</b></p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>7 - 20 =</td> <td>0</td> <td>X 18</td> <td>= 0</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>X 78 = 0</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>X</td> <td>=</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>22</td><td>203</td><td>11</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>82</td><td>202</td><td>41</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>82</td><td>209</td><td>41</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td></td> <td><b>(\$)</b> 0</td> </tr> </tbody> </table>		Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	101	690	201	395	Utility filing fee	690	106	330	206	165	Design filing fee		107	540	207	270	Plant filing fee		108	790	208	395	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$)</b> 690	Total Claims	Extra	Fee from below	Fee Paid	7 - 20 =	0	X 18	= 0	Independent Claims	2 - 3 =	0	X 78 = 0	Multiple Dependent Claims		X	=	Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	103	22	203	11	Claims in excess of 20		102	82	202	41	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	82	209	41	Reissue independent claims over original patent		110	22	210	11	Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$)</b> 0																																																																												
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
101	690	201	395	Utility filing fee	690																																																																																																																																																																												
106	330	206	165	Design filing fee																																																																																																																																																																													
107	540	207	270	Plant filing fee																																																																																																																																																																													
108	790	208	395	Reissue filing fee																																																																																																																																																																													
114	150	214	75	Provisional filing fee																																																																																																																																																																													
<b>SUBTOTAL (1)</b>					<b>(\$)</b> 690																																																																																																																																																																												
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																														
7 - 20 =	0	X 18	= 0																																																																																																																																																																														
Independent Claims	2 - 3 =	0	X 78 = 0																																																																																																																																																																														
Multiple Dependent Claims		X	=																																																																																																																																																																														
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
103	22	203	11	Claims in excess of 20																																																																																																																																																																													
102	82	202	41	Independent claims in excess of 3																																																																																																																																																																													
104	270	204	135	Multiple dependent claim																																																																																																																																																																													
109	82	209	41	Reissue independent claims over original patent																																																																																																																																																																													
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																																													
<b>SUBTOTAL (2)</b>					<b>(\$)</b> 0																																																																																																																																																																												

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Charles Brantley	Reg. Number	38,086
Signature	<i>Charles Brantley</i>	Date	8/26/00
		Deposit Acct. User ID	13-3092, ORDER NO. 93-0421.04